OC 827

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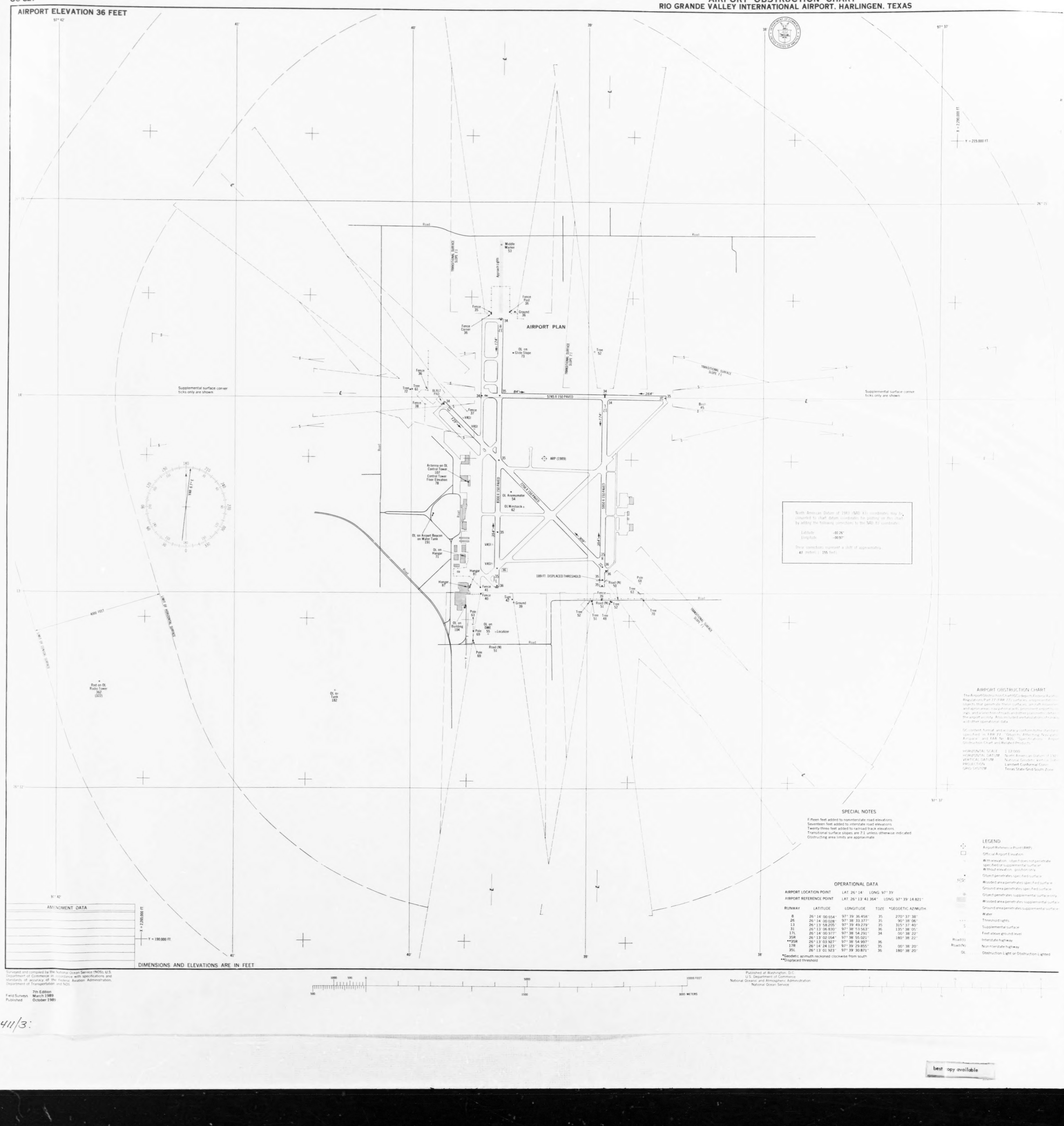
AIRPORT OBSTRUCTION CHART
RIO GRANDE VALLEY INTERNATIONAL AIRPORT, HARLINGEN, TEXAS

AIRPORT ELEVATION 36 FEET



North American Datum of 1983 (NAD 83) coordinates may be converted to chart datum coordinates for plotting on this chart by adding the following corrections to the NAD 83 coordinates:

Latitude: -00 26"
Longitude: -00 97"

These corrections represent a shift of approximately 47 meters (155 feet)

AIRPORT OBSTRUCTION CHART

The Airport Obstruction Chart (OC) depicts Federal Aviation Regulations Part 77 (FAR 77) surfaces, representing those objects that penetrate these surfaces, aircraft movement and operational data pertinent to prominent airport features, and selected man-made and natural features within the airport vicinity. Also included are tabulations of runway and other operational data.

OC content, format, and accuracy conform to the standards specified in FAR 77, "Objects Affecting Navigable Airspace," and FAA Nov. 405, "Specifications - Airport Obstruction Chart and Related Products."

HORIZONTAL SCALE	1:12,000
HORIZONTAL DATUM	North American Datum of 1983 (NAD 83)
VERTICAL DATUM	National Geodetic Vertical Datum of 1929
PROJECTION	Lambert Conformal Conic
GRID SYSTEM	Texas State Grid South Zone

SPECIAL NOTES

Fifteen feet added to noninterstate road elevations
Seventeen feet added to interstate road elevations
Twenty-three feet added to railroad track elevations
Transitional surface slopes are 7:1 unless otherwise indicated
Obstructing area limits are approximate

OPERATIONAL DATA

AIRPORT LOCATION POINT LAT. 26° 14' LONG. 97° 39'
AIRPORT REFERENCE POINT LAT. 26° 13' 41.364" LONG. 97° 39' 14.821"

RUNWAY	LATITUDE	LONGITUDE	TDZE	*GEODETIC AZIMUTH
8	26° 14' 00.654"	97° 39' 36.458"	35	270° 37' 38"
26	26° 14' 00.028"	97° 38' 33.377"	35	90° 38' 06"
13	26° 13' 58.205"	97° 39' 49.279"	35	315° 37' 40"
31	26° 13' 06.830"	97° 38' 53.563"	36	135° 38' 05"
17L	26° 14' 00.977"	97° 38' 54.291"	34	00° 38' 22"
35R	26° 13' 02.054"	97° 38' 55.021"		180° 38' 22"
**35R	26° 13' 03.927"	97° 38' 54.997"	36	
17R	26° 14' 24.123"	97° 39' 29.855"	35	00° 38' 20"
35L	26° 13' 01.923"	97° 39' 30.871"	36	180° 38' 20"

*Geodetic azimuth reckoned clockwise from south
**Displaced threshold

LEGEND

- Airport Reference Point (ARP)
- Official Airport Elevation
- With elevation - Object does not penetrate specified or supplemental surface
- Without elevation - position only
- Object penetrates specified surface
- Wooded area penetrates specified surface
- Ground area penetrates specified surface
- Object penetrates supplemental surface only
- Wooded area penetrates supplemental surface
- Ground area penetrates supplemental surface
- Water
- Threshold lights
- Supplemental surface
- Feet above ground level
- Feet above mean sea level
- Road(I) Interstate highway
- Road(N) Noninterstate highway
- OL Obstruction Light or Obstruction Lighted

AMENDMENT DATA

DIMENSIONS AND ELEVATIONS ARE IN FEET

Surveyed and compiled by the National Ocean Service (NOS), U.S. Department of Commerce, in accordance with specifications and standards of accuracy of the Federal Aviation Administration, Department of Transportation and NOS.

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National Ocean Service

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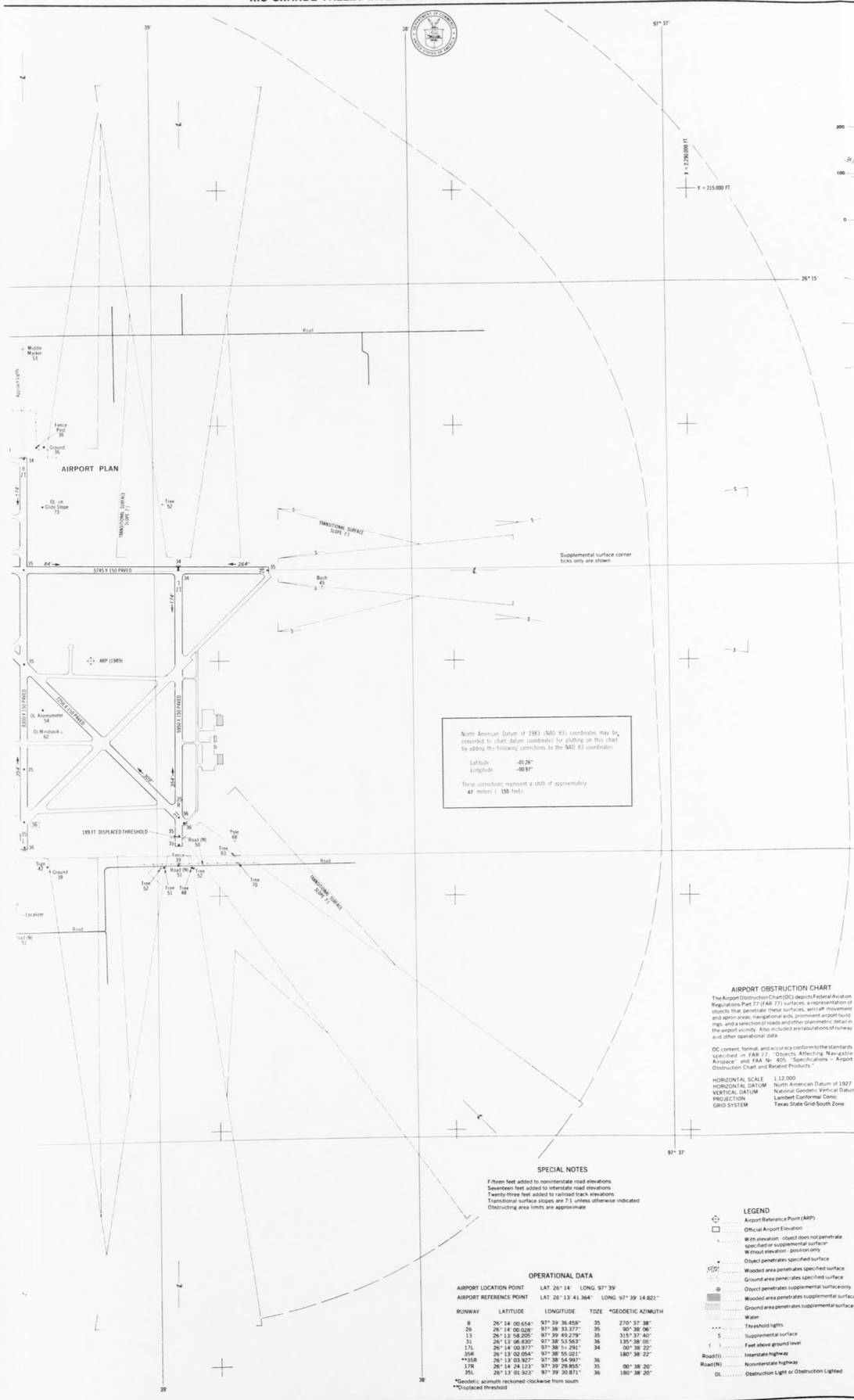
RIO GRANDE VALLEY INTERNATIONAL AIRPORT, HARLINGEN, TEXAS

NATIONAL OCEAN SERVICE



AIRPORT OBSTRUCTION CHART

The Airport Obstruction Chart (OC) depicts Federal Aviation Regulations Part 77 (FAR 77) surfaces, a representation of objects that penetrate these surfaces, aircraft movement and apron areas, navigational aids, prominent airport buildings, and a selection of roads and other planimetric detail in the airport vicinity. Also included are tabulations of runway and other operational data.

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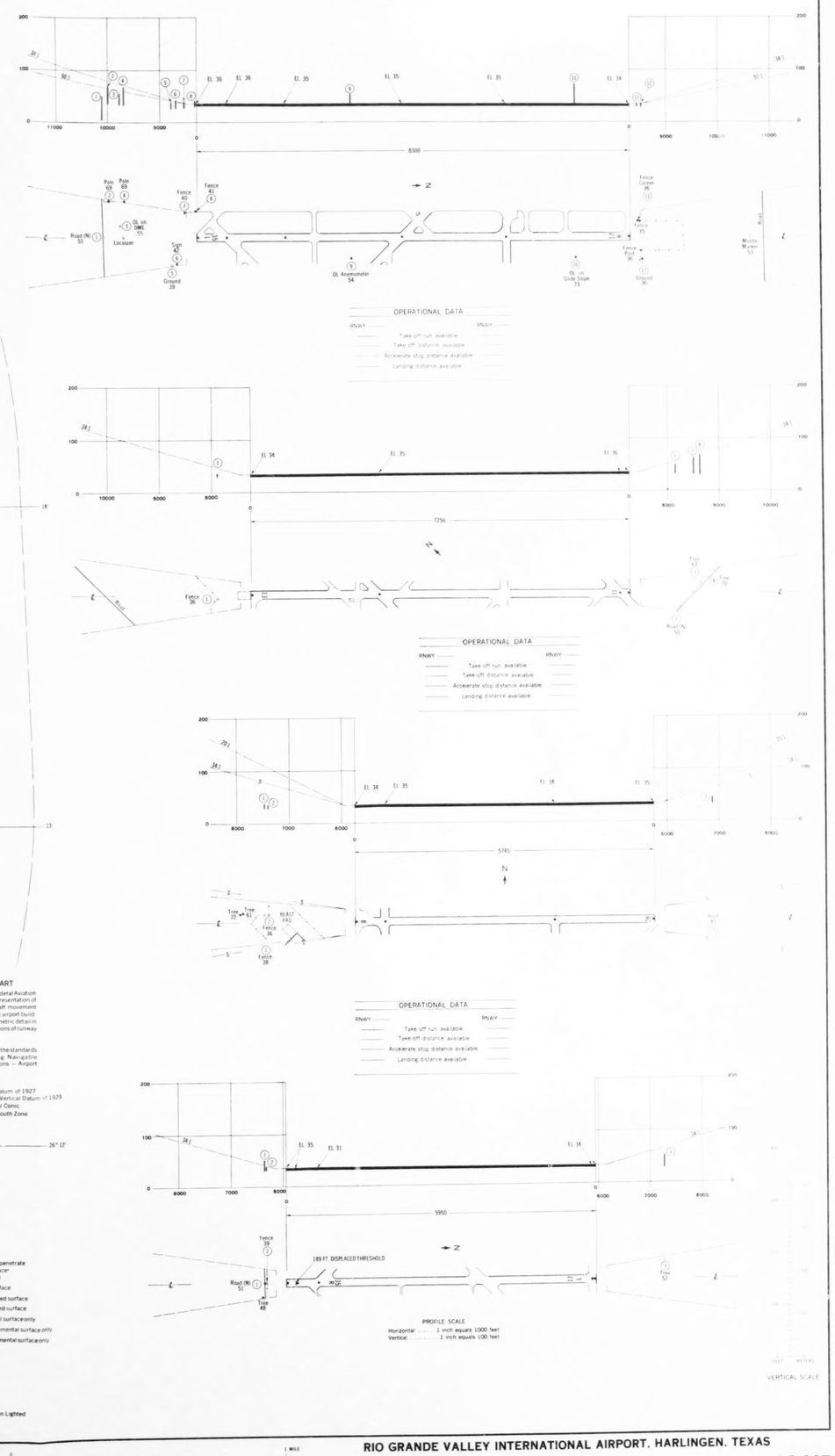
RUNWAY PLANS AND PROFILES



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U.S. Department of Commerce
National Oceanic and Atmospheric Administration
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5000 1500 10000 FEET 3000 METERS
1 ½ 0 STATUTE MILES NAUTICAL MILES 1 MILE 1 MILE

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